

AMENDMENT TO THE CLAIMS

1. (**Currently Amended**) A method for lubricating a two-stroke internal combustion engine containing a power valve, comprising:

 (I) mixing a lubricant composition with a fuel composition wherein the weight ratio of the fuel to the lubricant composition in the mixture is ~~10-250:1~~25-100:1; and

 (II) supplying said mixture to a two-stroke internal combustion engine containing a power valve;

 wherein the lubricant composition comprises:

 (A) an oil of lubricating viscosity;

 (B) an additive composition comprising

 (1) a reaction product of a fatty hydrocarbyl-substituted monocarboxylic acylating agent and a polyamine, an alkanolamine, a thiol-containing amine, or a mixture thereof wherein the reaction product comprises a heterocyclic reaction product; and

 (2) a member selected from the group consisting of (a) a hydrocarbyl-substituted aminophenol; (b) a Mannich reaction product of a hydrocarbyl-substituted phenol, an aldehyde, and an amine; and [(d)] a mixture thereof; and

(3) a friction modifier component comprising glycerol monooleate or a mixture of glycerol monooleate and glycerol dioleate friction modifiers; and

 (C) a normally liquid solvent having a kinematic viscosity of less than 5 cSt at 100°C wherein the lubricant composition improves the cleanliness of the power valve of said engine, wherein the solvent is present from 1 to 50 percent by weight of the lubricant and has an ASTM D-93 flashpoint and ASTM D-86 distillation characteristics rendering it combustible;

 wherein the amount of component (B)(1) present in the composition is 1.6 to 3.4 weight percent, 3.5 weight percent, and the combined amount of components (B)(1) and (B)(2) present in the composition is from 5.5 to 15 weight percent; and

wherein the fuel comprises a petroleum distillate fuel, an oxygenate, or a mixture thereof.

2. (**Cancelled**)

3. (Original) The method of claim 1 wherein the nitrogen-containing compound of the (B)(1) reaction product is a polyamine.

4. (Cancelled)

5. (Original) The method of claim 1 wherein the oil of lubricating viscosity is a natural oil, a synthetic oil, or a mixture thereof.

6. (Original) The method of claim 1 wherein the oil of lubricating viscosity is present in the lubricant composition at 30 to 95% by weight.

7. (Original) The method of claim 1 wherein the monocarboxylic acylating agent of (B)(1) is a C₄ to C₂₂ fatty carboxylic acid and the polyamine of (B)(1) is an alkylenediamine or a polyalkylenepolyamine.

8. (Original) The method of claim 7 wherein the fatty carboxylic acid is isostearic acid and the polyamine is a polyethylenepolyamine.

9. (Original) The method of claim 1 wherein the hydrocarbyl substituent of the aminophenol of (B)(2)(a) is derived from a polyisobutylene.

10. (Original) The method of claim 1 wherein the Mannich reaction product (B)(2)(b) is prepared from an alkylphenol derived from a polyisobutylene, formaldehyde, and an amine that is a primary monoamine, a secondary monoamine, or an alkylenediamine.

11. (Cancelled)

12. (Original) The method of claim 1 wherein the solvent is a hydrocarbon, an oxygen-containing composition, a mineral oil, an olefin oligomer, or a mixture thereof.

13. **(Original)** The method of claim 1 wherein the additive composition (B) further comprises (3) one or more additional additives.

14. **(Currently Amended)** The method of claim 13 wherein the additive composition (B) further comprises ~~a friction modifier~~, an antioxidant, a pour point depressant, or a mixture thereof.

15. **(Cancelled)**

16. **(Currently Amended)** A lubricant composition suitable for lubricating a two-stroke internal combustion engine, comprising:

(A) an oil of lubricating viscosity;

(B) an additive composition comprising

(1) a reaction product of a fatty hydrocarbyl-substituted monocarboxylic acylating agent and a polyamine, an alkanolamine, a thiol-containing amine, or a mixture thereof wherein the reaction product comprises a heterocyclic reaction product; and

(2) a hydrocarbyl-substituted aminophenol; and

(3) a friction modifier component comprising glycerol monooleate or a mixture of glycerol monooleate and glycerol dioleate friction modifiers; and

(C) a normally liquid solvent having a kinematic viscosity of less than 5 cSt at 100°C, wherein the solvent is present from 1 to 50 percent by weight of the lubricant and has a ASTM D-93 flashpoint and ASTM D-86 distillation characteristics rendering it combustible;

wherein the amount of component (B)(1) present in the composition is 1.6 to 3.4 weight percent, 3.5 weight percent, and the combined amount of components (B)(1) and (B)(2) combined present in the composition is from 5.5 to 15 weight percent.

17. **(Original)** The lubricant composition of claim 16 wherein the (B)(1) reaction product is the reaction product of a C₄ to C₂₂ fatty carboxylic acid and a polyamine.

18. (**Currently Amended**) The lubricant composition of claim 16 wherein the additive composition (B) further comprises [[(3)]] one or more additional additives.

19. (**Original**) A fuel composition suitable for fueling a two-stroke internal combustion engine, comprising:

a liquid fuel; and a lubricating amount of the lubricant composition of claim 16.

20. (**Original**) A method for lubricating a two-stroke internal combustion engine, comprising: supplying to the engine the lubricant composition of claim 16.